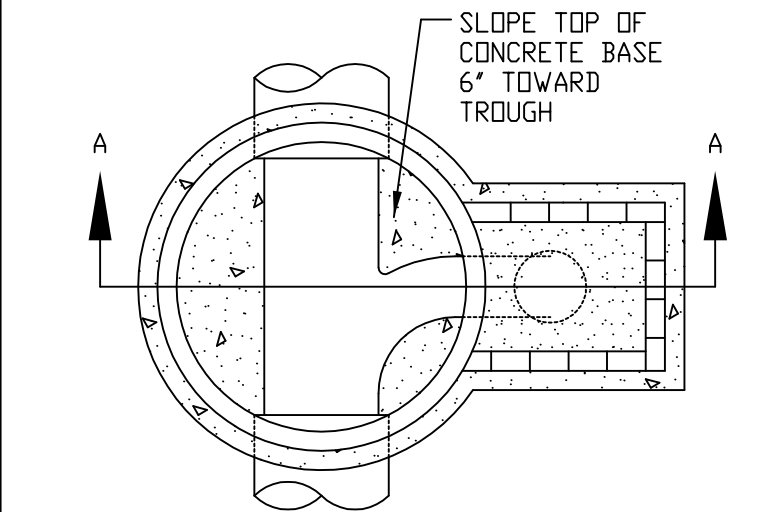


NOTES:

1. MANHOLE BASE SHALL BE 3000 P.S.I. CONCRETE PLACED ON UNDISTURBED EARTH AND MAY BE PLACED AGAINST SHAPED BANKS IN LIEU OF FORMS.
2. ALL MASONRY MORTAR SHALL BE PORTLAND CEMENT 1:3 MIX.
3. CARE MUST BE TAKEN TO FORM A SMOOTH FINISH TROUGH FROM ENTRANCE PIPES TO EXIT PIPE, AND IN CURVED MANHOLES THE TROUGH MUST BE A SMOOTH CIRCULAR ARC TANGENT TO THE INSIDE WALLS OF THE PIPES AT THEIR ENDS.
4. PROTECTIVE WALL FOR OUTSIDE DROP SHALL BE A MINIMUM OF 8" MASONRY.
5. THE SLOPE OF THE OUTSIDE DROP TROUGH SHALL BE 1/4" PER FOOT.
6. MANHOLE TO CONFORM WITH ASTM C478 AND PRECAST MANHOLE STD.
7. RAMSET MASONRY TIES EVERY 12 INCHES ON OUTSIDE DROP.
8. MANHOLES WITH A DEPTH OF 10.0' OR GREATER SHALL BE 5' DIAMETER.
9. WRAP OUTSIDE MANHOLE SEAMS (JOINTS) WITH A WIDE BUTYL TAPE



PLAN

5'-0" FOR PIPES OVER 18", 4'-0" FOR 18" & SMALLER PIPES

BUTYL MASTIC BETWEEN MANHOLE FRAME AND COVER

STRAIGHT WALL OF M.H. TO BE LOCATED OPPOSITE DROP PIPE.

4"

2"

PIPE DIA.

8" MIN.

PRE-CAST RINGS MAXIMUM OF 11 1/2" INCLUDING BUTYL MASTIC.

RISER

DIP WYE

D.I.P.

D.I.P.

D.I.P.

No. 67 STONE UNDER PIPE

SECTION A-A

CITY OF SALISBURY, N.C. STANDARD DETAIL

DATE: OCTOBER 17, 2006

SEWER SYSTEMS NEW CONSTRUCTION
PRECAST M.H. W/ OUTSIDE DROP

NOT TO SCALE

STANDARD

SS-3